

Converting Colors

XYZ(79.2045, 68.4971, 15.3873)

Have a look what the booklet for
XYZ(79.2045, 68.4971, 15.3873)
contains.

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Color

**XYZ(61.0734, 59.0026,
14.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF49
RGB	255, 191, 73
RGB Percent	100%, 75%, 29%
CMY	0.0000, 0.2510, 0.7137
CMYK	0.00, 0.25, 0.71, 0.00
HSL	39°, 100%, 64%
HSV	39°, 71%, 100%
XYZ	61.0734, 59.0026, 14.4731
YIQ	196.6840, 76.0220, -23.1300

Conversions

Conversions Part 2

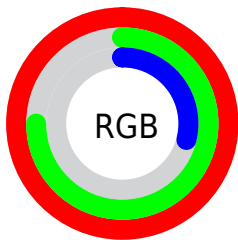
Format	Color
R_{YB}	172, 255, 73
Decimal	16760649
CIE _{Lab}	81.29, 12.09, 65.68
CIE _{LCh}	81, 66.781, 79.566
Yxy	59.0026, 0.4539, 0.4385
Android (android.graphics.Color)	4294950729 (0xFFFFBF49)
YUV	196.6840, -60.9762, 51.1431
Hunter-Lab	76.8131, 7.5006, 42.5978

Details

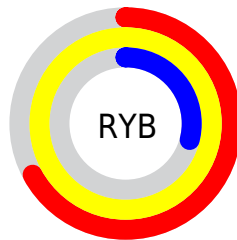
The XYZ color **61.0734, 59.0026, 14.4731** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **29.7430, 26.5269, 98.1597**, and the grayscale version is **53.2057, 55.9765, 60.9584**.

A 20% lighter version of the original color is **78.3970, 89.3400, 33.5345**, and **31.3640, 29.6572, 4.2149** is the 20% darker color. If you saturate the color by 10%, you get **58.4993, 54.9417, 10.2645**, and if you desaturate by 10%, it is **64.1162, 63.4473, 20.5477**.

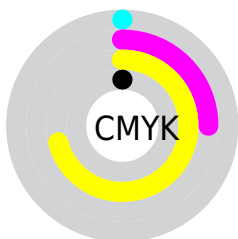
Distribution



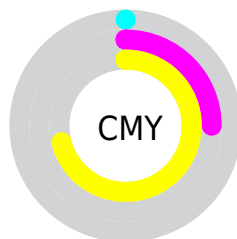
- Red (100%)
- Green (75%)
- Blue (29%)



- Red (67%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (25%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0734, 59.0026, 14.4731 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 61.0734, 59.0026, 14.4731 by changing the saturation by 10% instead.

61.0734, 59.0026,
14.4731

61.0734, 59.0026,
14.4731

418.3147,
420.9116, 231.6843

44.5372, 42.6152,
8.3079

105.4827,
103.3814, 34.6553

31.2928, 29.5833,
4.2020

134.0865,
132.1417, 49.5094

20.9748, 19.5225,
1.7368

167.4436,
165.7950, 68.0969

13.2179, 12.0485,
0.3858

205.9192,
204.7258, 90.8363

7.6568, 6.7767,
0.0000

249.8788,
249.3185, 118.1463

3.9261, 3.3228,
0.0000

299.6876,

1.6604, 1.3025,

299.9574, 150.4452

0.0000

355.7112,
357.0269, 188.1517

■ 0.4313, 0.1431,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0734, 59.0026,
14.4731

■ 61.0734, 59.0026,
14.4731

■ 58.4993, 54.9417,
10.2645

■ 64.1162, 63.4473,
20.5477

■ 56.3424, 51.2335,
7.6787

■ 67.6636, 68.2863,
28.6844

■ 54.7558, 48.2920,
6.4353

■ 71.7517, 73.5397,
39.0579

■ 76.4119, 79.2231,
51.8236

■ 81.6728, 85.3511,
67.1225

■ 87.5608, 91.9373,
85.0848

■ 94.1007, 98.9945,
105.8317

■ 95.0497, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3125, 59.0026, 21.7516



61.0734, 59.0026, 14.4731



47.5780, 59.0026, 15.6756

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.0734, 59.0026, 14.4731



34.4345, 59.0026, 93.5174



79.0439, 59.0026, 127.9620

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.0734, 59.0026, 14.4731



29.7430, 26.5269, 98.1597

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.5393, 59.0026, 167.0521



61.0734, 59.0026, 14.4731



40.4371, 59.0026, 142.1298

Square

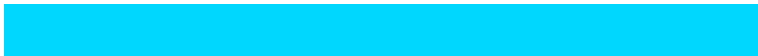
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0734, 59.0026, 14.4731



33.6431, 59.0026, 51.3260



51.3669, 59.0026, 173.1025



86.7701, 59.0026, 79.1653

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0734, 59.0026, 14.4731



40.6876, 59.0026, 21.3907



51.3669, 59.0026, 173.1025



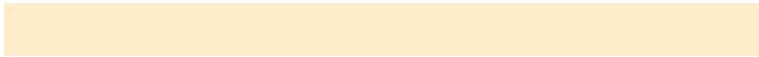
74.9347, 59.0026, 143.4021

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.0748, 59.0055, 14.4742



81.8803, 85.5877, 67.7408



48.3367, 27.9111, 27.5486



17.2003, 17.9464, 13.5335



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0748, 59.0055, 14.4742



57.4525, 53.1828, 8.8824



69.8315, 88.9452, 19.7917



18.9923, 19.9527, 18.9946



28.7569, 25.5250, 3.4112



2.9027, 2.6907, 0.3664

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.7430, 26.5269, 98.1597



24.6510, 19.3575, 97.0449



25.3913, 14.5418, 96.0757



17.5254, 18.4225, 22.8822



11.4534, 7.8163, 50.3396



1.2132, 0.9572, 4.9341

Previews

White Background



This preview shows how the XYZ color 61.0734, 59.0026, 14.4731 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.0734, 59.0026, 14.4731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0734, 59.0026, 14.4731

Background



This preview shows how black text looks on a background with the XYZ color 61.0734, 59.0026, 14.4731.



This preview shows how white text looks on a background with the XYZ color 61.0734, 59.0026,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.0734, 59.0026, 14.4731

Protanopia

54.0245, 59.4024, 15.4559

Deuteranopia

60.1971, 58.8758, 14.4948



Tritanopia

67.9111, 59.0220, 58.8520

Trichromacy



Original Color

61.0734, 59.0026, 14.4731

Protanomaly

56.6185, 59.3594, 15.1300

Deuteranomaly

60.5602, 59.0630, 14.5118

Tritanomaly

64.3039, 58.5798, 36.7720

Monochromacy



Original Color

61.0734, 59.0026, 14.4731

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.0960, 56.2026, 37.7028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0734, 59.0026, 14.4731 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 191, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 73)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 191, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 73) }
```

Border

The CSS property to change the border of an element to XYZ 61.0734, 59.0026, 14.4731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 191, 73) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 191, 73) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 191, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0734, 59.0026, 14.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 73) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
191, 73) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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